

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (previously presented). An adhesion promoter for plastisols, characterized in that the adhesion promoter comprises not only a polyaminoamide but also at least 10% by weight, and at most 60% by weight, based on the total weight of adhesion promoter, of ethyldiglycol.

Claim 2 (previously presented). The adhesion promoter according to Claim 1, characterized in that the proportion of ethyldiglycol is from 25% by weight to 55% by weight, based on the total weight of the adhesion promoter.

Claims 3-7 (cancelled).

Claim 8 (previously presented). The adhesion promoter according to Claim 1, characterized in that the proportion of ethyldiglycol is from 40% by weight to 50% by weight, based on the total weight of the adhesion promoter.

Claim 9 (previously presented). A plastisol composition comprising an adhesion promoter according to Claim 1 and fine-particle polyvinyl chloride or vinyl chloride copolymers.

Claim 10 (previously presented). The plastisol composition according to Claim 9 further comprising conventional plasticizers, fillers, and additives.

Claim 11 (previously presented). The plastisol composition according to Claim 9 wherein the adhesion promoter is present in an amount of from 0.3% by weight to 5% by weight, based on the weight of the plastisol composition.

Claim 12 (previously presented). The plastisol composition according to Claim 11, wherein the adhesion promoter is present in an amount of from 0.5% by weight to 2% by weight, based on the weight of the plastisol composition.

Claim 13 (previously presented). The plastisol composition according to Claim 12, wherein the adhesion promoter is present in an amount of 1% by weight, based on the weight of the plastisol composition.

Claim 14 (previously presented). A method for improving the adhesion of a plastisol composition to a substrate by adding to the plastisol composition an adhesion promoter comprising a polyaminoamide and ethyldiglycol wherein the ethyldiglycol is present in the adhesion promoter in an amount of at least 10% by weight and at most 60% by weight, based on the total weight of adhesion promoter.

Claim 15 (previously presented). The method of Claim 14, wherein the ethyldiglycol is present in the adhesion promoter in an amount of from 25% by weight to 55% by weight, based on the total weight of the adhesion promoter.

Claim 16 (previously presented). The method according to Claim 14, wherein the adhesion promoter is added in an amount of from 0.3% by weight to 5% by weight, based on the weight of the plastisol composition.

Claim 17 (previously presented). A method for coating a substrate comprising the steps of adding an adhesion promoter according to Claim 1 to a plastisol composition comprising fine-particle polyvinyl chloride or vinyl chloride copolymers to form a mixture, homogenizing the mixture, applying the mixture to the substrate, and stoving the substrate at a temperature of from 120°C to 160°C.

Claim 18 (previously presented). A process for producing a self-adhesive plastisol by adding an adhesion promoter according to Claim 1 to a plastisol composition comprising fine-particle polyvinyl chloride or vinyl chloride copolymers to form a mixture and homogenizing the mixture to form the self-adhesive plastisol.

Claim 19 (previously presented). The process according to Claim 18 wherein the adhesion promoter is added in an amount of from 0.3% by weight to 5% by weight, based on the weight of the self-adhesive plastisol.